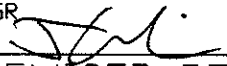

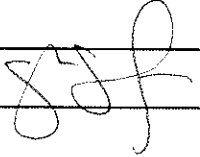


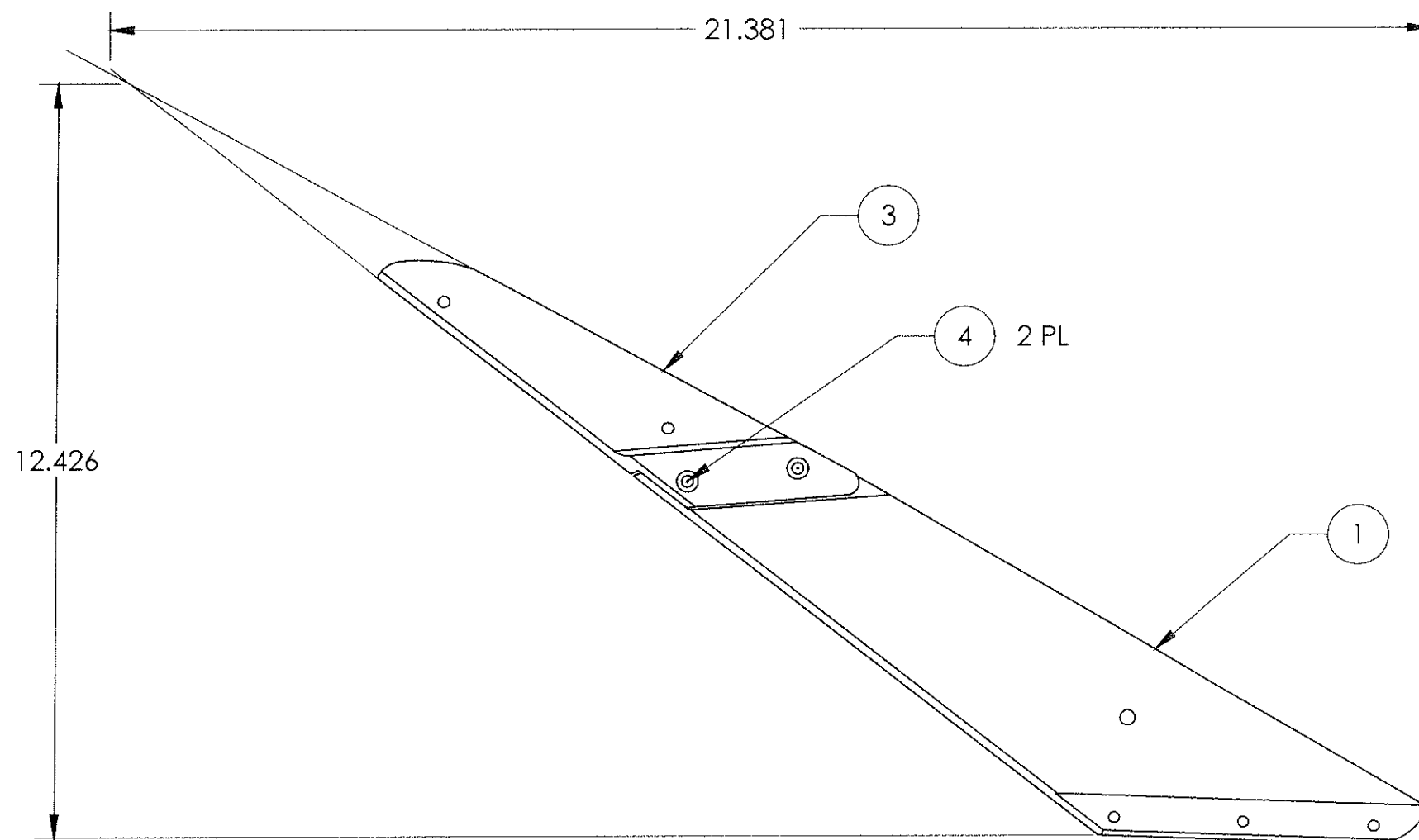
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 04744				SHEET 1 OF 1	
	DWG NO. 649.5300	REV: C	PREPARED BY T. CROSS	DATE: 11-18-14	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: DEFLECTORS					
APPROVED BY: 		ENGR	MFG 	QC 	EFF: NEXT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISED BOM				ECR: D-14-08

ACTION LIST:
1. NONE

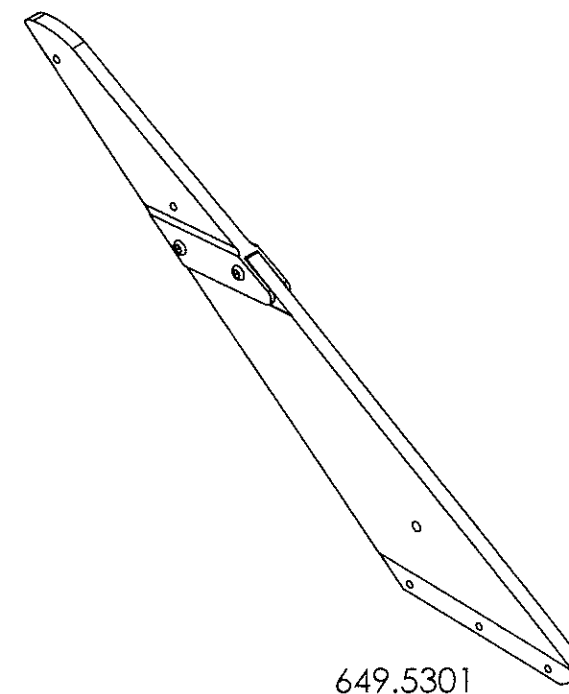
4	R	601.3122	2	RIVET	MS20470AD6-14	
F/N	TC	PART NUMBER	.5301 QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				CHANGE CATEGORY	DER REVIEW REQUIRED	
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM				<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- 2 FINISH: HARD ANODIZE IAQ MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRE TREAT PRC-DESOTO PR-148 ADHESION PROMOTER; PRIMER IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
- 3 DEBURR AND BREAK ALL SHARP EDGES
- 4 IDENTIFY IAW MPP-120
- 5 APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 2 & 3 UPON ASSY



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR1		N/A
N/C	INITIAL RELEASE	12/06/11	P. BRAVO
A	INCORPORATED ECN'S 03413, 03421 AND 03486	04/16/12	P. BRAVO
B	INCORPORATED ECN 03523	05/23/12	P. BRAVO
C	INCORPORATED ECN 04057	06/13/13	P. BRAVO



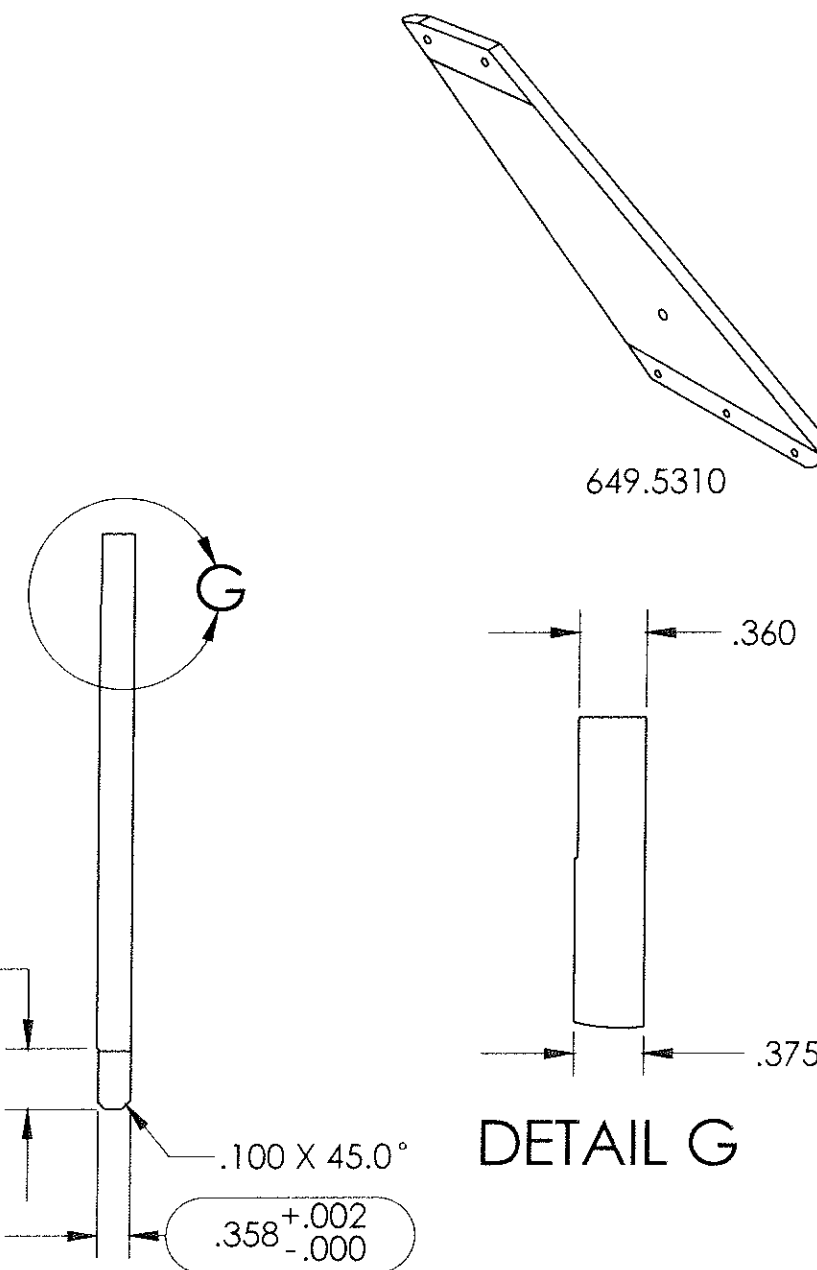
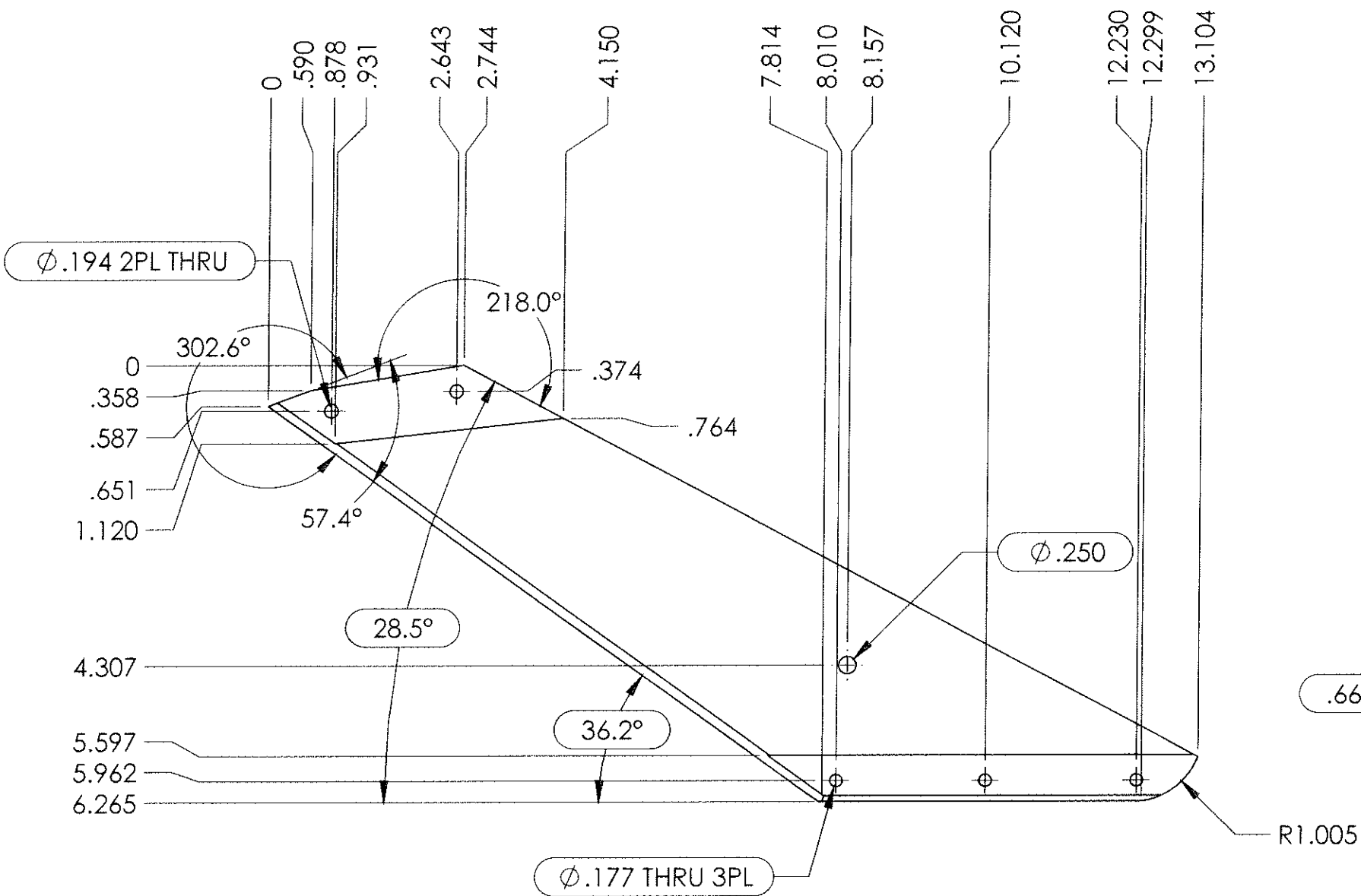
UNINCORPORATED ECN(s)

04744

A/R	5	601.2045	RTV, LOCTITE 598		5
2	4	601.3074	RIVET	MS20470AD6-12	
1	3	649.5312	BREAKAWAY TIP		1 2
	2	649.5311	UPPER DEFLECTOR		1 2
1	1	649.5310	LOWER DEFLECTOR		1 2
		649.5301	LOWER DEFLECTOR ASSY		
.5301	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY		PARTS LIST			
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR)	12-06-11	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
649.4900		DRAWN BY	A. GUAN		
		CHECKER	P. BRAVO		
		DRAWING APPROVAL	P. BRAVO		
		CONTRACT NO.		DEFLECTORS	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°	SIZE	CAGE CODE	DWG. NO.
			B	07M26	649.5300
			SCALE	NONE	SHEET 1 OF 4

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

A
B
C
D



ORIGINAL DATE 12-06-11		APICAL INDUSTRIES	
DRAWN BY A. QUAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 12-06-11		DEFLECTORS	
CONTRACT NO.		SHEET B	REV. C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES $\pm .5^\circ$		DWG. NO. 649.5300	SHEET 2 OF 4
SCALE NONE			

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

.13 X 45° 2PL

SECTION C-C

Ø.177 THRU 3 PL

.30 X 23.0°

R1.100

2.109±.002

4.219±.002

DETAIL A

.375

17.93

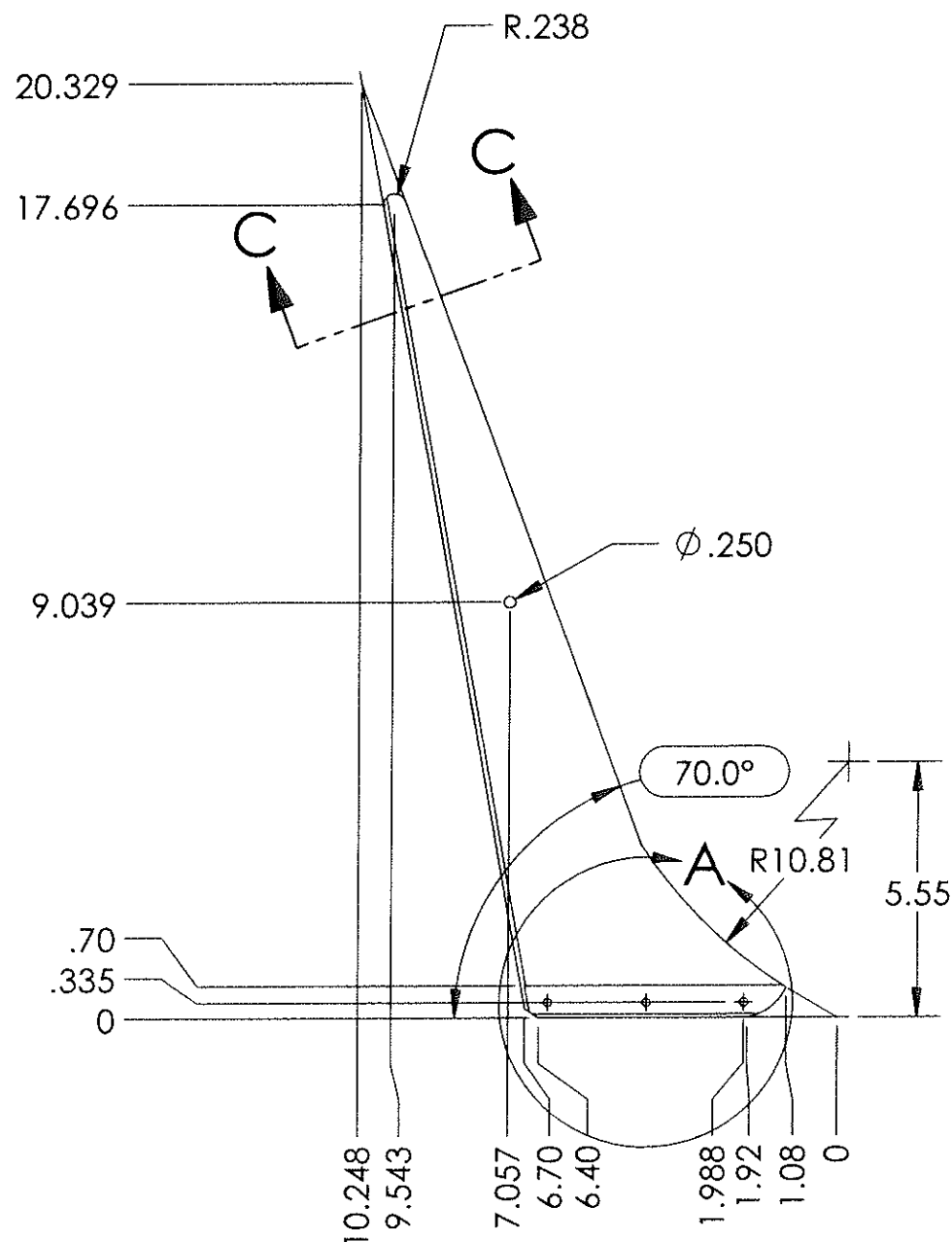
.701

.04 X 45.0° 2PL

.358^{+.000}_{-.002}

DETAIL B

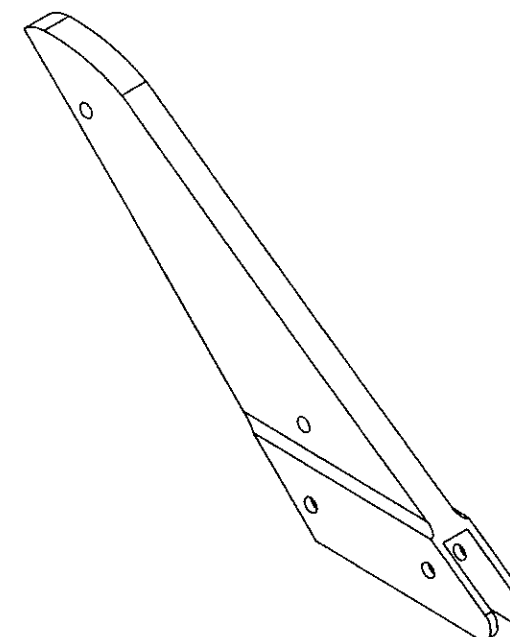
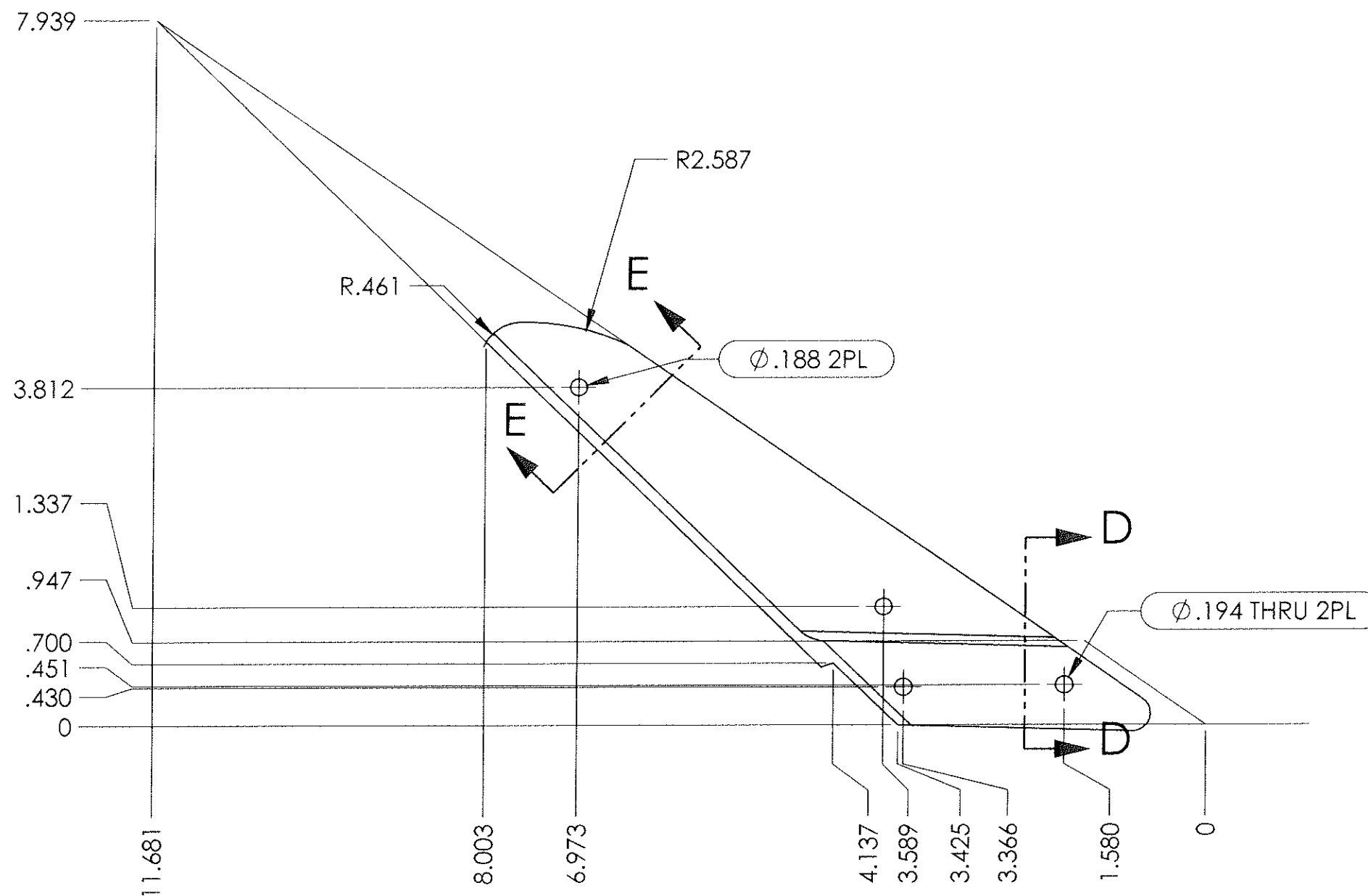
649.5311



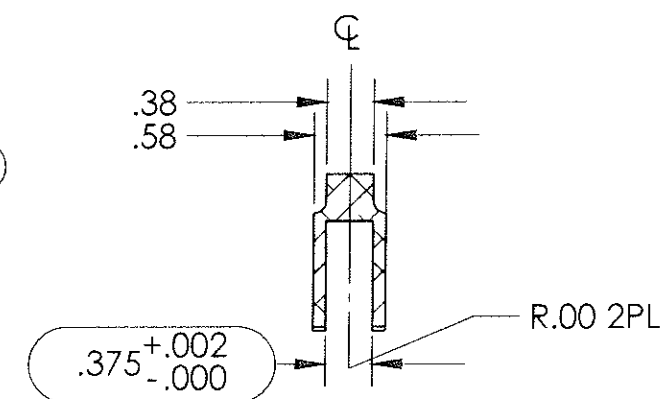
ORIGINAL DATE (MO-DA-YR) 12-06-11		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO (12-06-11)		DEFLECTORS	
CONTRACT NO.		SIZE B	REV. C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		CAGE CODE 07M26	DWG. NO. 649.5300
		SCALE NONE	SHEET 3 OF 4

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

.13 X 45.0° 2PL
SECTION E-E



649.5312



SECTION D-D

ORIGINAL DATE (MO-DA-YR) 12-06-11		APICAL INDUSTRIES	
DRAWN BY A. QUAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 12-06-11		DEFLECTORS	
CONTRACT NO.		SIZE B	REV. C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		CAGE CODE 07M76	DWG. NO. 649.5300
		SCALE NONE	SHEET 4 OF 4